

Solution Methods for Spectrographic Analysis.
Report No 1 - Spectroanalytical Determination of
Arsenic in Minute Solutions, by Hiroshi Murata,
Takeo Watase, 8 pp.

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Feb 1951, pp 271-273.

NIH

Scientific - Chemistry

8654

Jan 54 CTS

Studies in Inorganic Paper Chromatography. VII.
Separation of ~~some~~ Salts of Tin and Antimony, and
Analysis of Metals of the Tin Group in the State of
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JAPANESE, per, Nippon Kagaku Zasshi, Vol LXXII,
1951, pp 423-426.

AEC UCRL-Trans-544(L)

Sci - Chem
26 Oct 60

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EXX On the State of Adsorbed Molecules, by
Miyahara Yutaka.

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TPA3/TIB T-4287

Scientific - Chemistry

Aug 54 CIB

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Vol LXXII, No 5, pp 459-462.

SLA 59-17009

Sci
Dec 59
Vol 2, No 6

104,123

An Attempt to Increase the Sensitivity of Qualitative Analysis by Nuclear Magnetic Resonance Absorption, by S. Fujiwara, S. Hayashi, 2 pp.

JAPANESE, J. Chem soc Japan, Vol. LXXII, 1951, pp 764, 765.

Asso Tech Ser 27HLJJ

Jul 58

69,908

Adsorption Phenomena at Extremely Low Pressures, by
Hiroe Utsuki, 9 pp UNCLASSIFIED

JAPANESE, no par, J. Chem of Japan, Vol LXXII, No 9,
1951, pp 812-815.

S.L.A
Def Sci Info Ser
T 38 J

CIA 2305107

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Scientific - Chemistry

A Research on the Quantitative Determination of Metals
by the Extraction Method, by K. Sudo, 10 pp.

^{PER}
JAPANESE, ~~Journal~~, ~~Nihon Kagaku Zasshi~~, Vol LXXII,
No 9, Sep 1951, pp 817-820.

S.L.A. Tr 697/1955

Sci - Chemistry
Apr 1957 CTS/dex

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A New Type of Thermobalance and Its Applications.
I. Test-Construction of a New Type of Thermo-
balance, by Kisei Kinzyo, Shigeo Iwata, 14 pp.

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No 11, 1951, pp 958-962. 646540

Picatinny Arsenal 32
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Sci - ~~ENGR~~ Engr

SLA 59-14734

Jul 59

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JAPANESE, per, Nihon Kagaku Zasshi, 1951,
Vol. ~~XXXX~~, No 12, pp 1067-1070.
LXXVII

SLA 59-17005

Sci
Dec 59
Vol 2, No 6

104, 124

Studies on the Light Scattering of High Polymers
Solutions. XL, Results on Spherical Macromolecules
by Takashi Kuzuhara, Hiroshi Takeuchi, 9 p.

JAPANESE, per, Nihon Kagaku Zasshi, 1959,
Vol. LXXIII, pp 50-53.

SLA 59-15916

Sci
Feb 60
Vol. 2, No 10

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MS JJ-2806
8580 Tech Serv
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Sci - Chem
OTS I, 9
Jun 59

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LXXIII, 1954, pp 150-152.

AK: Tr-2544

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FE

Sci - Chemistry

Su

Studies on the Structure of Organic Polysulfides.
(I)-(II). Ultraviolet Absorption Spectra of Di-
benzyl Mono-, di-, tri-, and Tetrasulfides, Ultra-
violet Absorption Spectra of Ditolyl mono-, di-, tri-,
and Tetrasulfides, by I Yuji Minoura, 15 pp.

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S.L.A. 1667
SLA Tr 1497/56

45, 247

Sci - Chem
Mar 57 CTS

A Study on the Light Chlorination Reaction of
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JAPANESE, per, Nihon Kagaku Zasshi, 1952,
Vol LXXIII, No 4, pp 223-225.

SLA 59-15989

Sci
Dec 59
Vol 2, No 6

104,125

Oxidation Reactions in Monomolecular Layers of
Unsaturated Fatty Acids, by Keiichi Eda. UNCLASSIFIED

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXXIII, No 4,
1952, pp 260-263. 9676883

Navy 2752/INTL 834

Sci - Chemistry
Mar 61

143, 829

(FDD 19479)

Internal Electrolytic Analysis in Which an Oxidation
Reduction Electrode of the Solution Type Is Employed as
as Anode, by Ishikawa Saburo, Mizoguchi Shuichiro,
5 pp.

Full translation.

JAPANESE, no per. Nihon Kagaku Zasshi, Vol LXXIII,
No 4, prob Tokyo, Apr 1952, pp 267-270.

S.L.H. 511 CIA/FDD/U-5196

8834

FE - Japan

Sci - Chemistry, electrolytic analysis

Chemical and Thermodynamic Studies on Mercurous
Azide and Lead Azide, by Shin Suzuki, 6 pp.

JAPANESE, per, Nihon Kagaku Zasshi, (J. Chem. Soc.
Japan, Pure Chem. Sect.) Vol LXXII, 1952, pp 278-
279.

AEC Tr 2541

Sol - Chemistry
Aug 1956 CFB/dex

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The Biochemical Formation of Monosaccharides; Rpt I,
The Biochemical Formation of Tetrose and Hexose,
by Kihachiro Uehara, 18 pp.

JAPANESE, per, Nihon Kagaku Zasshi (Journal of the
Chemical Society of Japan), Vol LXXIII, No 5, May
1952, pp 311-315.

NIH

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Scientific - Chemistry
CTS/DEX

Dissolution of Barium Sulphate by Means of Ion
Exchange Resins, by M. Honda, et al.

JAPANESE, per, Nippon Kagaku Zasshi, Vol 73,
No 5, 1952, pp 348-349.

*AHC LB/G/2542

NLL Ref: 5828.4F (12596)

Sci/Physics

Mar 67

On Some Derivatives of Salicyloxime, by
Masaru Yamaguchi, 6 p.

JAPANESE, per. Nihon Kagaku Zasshi, 1952,
Vol LXXVII, pp 393-394.

BLA 50-17859

Sci
Feb 60
Vol 2, No 10

108,838

The Biochemical Formation of Monosaccharides;
Report No 2: Biochemical Formation of Pentose,
by Kihachiro Uehara, 14 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol. ^{*}LXXIII,
No 6, Jun 1952, pp 411-413.

FIH
Scientific - *Chemistry*
Medicine
CER/DEX

5525

62-10751

Fujitani, Yoshiyasu.
CONDENSATION OF AMMONIUM CHLORIDE
SMOKE BY AGING, I. [1961] 11p. (11 figs. omitted)
8 refs.
Order from SLA \$1.60 62-10751

Trans. of [Nihon Kagaku Zasshi] (Japan) 1952, v. 73,
p. 418-423.

DESCRIPTORS: *Aerosols, *Condensation, Particles,
Sedimentation, Distribution, Mass number, Sizing,
*Ammonium radicals, *Chlorides, Aging, *Smoke

The changes of the distribution of component particles
and the particle and weight concentrations by aging
were simultaneously determined. From the results
thus obtained the condensation process between parti-
cles of multiple-dispersed system was considered.
The NH_4Cl smoke used in the experiment was found to
be composed of the primary, secondary, tertiary and
(Chemistry, TX, v. 7, no. 11) (over)

I. Fujitani, Y.

Office of Technical Services

62-10752

I. Fujitani, Y.

Fujitani, Yoshiyasu.
SIZE OF PARTICLES FORMING THE SEDIMENTA-
TION BOUNDARY SURFACE, II. [1961] 9p. (5 figs.
3 tables omitted) 2 refs.
Order from SLA \$1.10

62-10752

Trans. of [Nihon Kagaku Zasshi] (Japan) 1952, v. 73,
p. 423-426.

DESCRIPTORS: *Aerosols, Particles, Sedimentation,
*Smokes, *Ammonium radicals, *Chlorides, Aging,
Distribution.

(Chemistry--Physical, TT, v. 8, no. 6)

Office of Technical Services

In the Japanese Chemical Journal
Present in Konjak Mool, by Yoshiko Hirokoshi,
9 pp.

JAPANESE, ~~the~~ ⁸ Nihon (Japan) Kagaku Zasshi,
Japanese Chemical Jnl, Vol ~~65~~, No 7, Aug
1952, pp 485-487. ~~LXXXII~~

S.L.A. Tr No 253/1955

Sci - Chemistry
Jan 1957 CIS/dex

4.4, 9.8

Ion-Exchange Resins Used in Analytical Chemistry.
(12th Report). Determination of Adsorption Bands
by a High-Frequency Method, by Masatake Honda, 3 pp.

JAPANESE, per, Nihon Kagaku Zasshi, (J. Chem. Soc.
Japan, Pure Chem Sect.), Vol LXIII, 1952, p 529.

AEC Tr: 2528

Sci. - Chemistry
Aug 1956 CTS

37,482

63-16566

Kuratani, Kenchi.

ANALYSIS OF SILICONE RESINS BY INFRARED

ABSORPTION. [1963] 8p. 5 refs.

Order from SLA \$1.10

63-16566

I. Kuratani, K.

Trans. of [Nihon Kagaku Zasshi] (Japan) 1952, v. 73,
p. 576-578.

DESCRIPTORS: *Silicone plastics, *Infrared spectroscopy, Quantitative analysis, Phenyl radicals, Methyl radicals, Absorption spectrum.

From two analytical examples, it is verified that group type analysis by the infrared absorption method is very useful for determining the composition of copolymers. (Author)

(Chemistry--Analytical, TT, v. 10, no. 5)

Office of Technical Services

Research into the Properties of Aerosols.
Adhesion of Minute Particles to Glass
Surfaces, by Fujitani Yoshiyasu.

JAPANESE, per, J. Chem Soc Japan, Vol
LXXIII, No 8, 1952, pp 578-580.

TPA3/TIB T 4517

Sci - Chemistry

SLA 62-10753
SLA- 57-1755
30, 265

Biochemical Formation of Monosaccharides; Rpt 3
Decarboxylation of Dihydroxymaleic Acid, by
Kihachiro Uehara, 10 pp.

JAPANESE, per, Nihon Kagaku Zasshi (Journal
of the Chemical Society of Japan), Vol LXXIII,
No 10, Oct 1952, pp 716-718.

NIH

Scientific - Chemistry
CTS/DEX

4437

New Colorimetric Methods Using Thiocyanates. (First and Second Reports), by S. Utsuni, 25 pp.

Referred to by...
JAPANESE, per, J Chem Soc Japan, Pure Chem Sect,
Vol LXIII, 1952, pp 835-851.

SLA 58-582

Sci

Aug 59

95,087

New Calorimetric Determination Method Using Thio-
cyanates, by S. Utsuni, 11 pp.

(Third Report) *Mitsunori Utsuni*

JAPANESE, per, J Chem Soc Japan, Pure Chem Sect, Vol.
LXXIII, 1952, pp 889-891.

SLA 58-580

Sci

Aug 59

95,088

On the Components of Seaweed. On the Quantity of
Riboflavin in Seaweeds, by ~~TSUJIMURA, KIKUKO~~ Michiyo
Tsujiura, Kikuko Tabei, Tsuru Wada, 10 pp.

Full translation.

JAPANESE, per, Nippon Kagaku Kaishi, Vol LXXVI, No 1,
1954, pp 11-13.

S.L.A.

Scientific - Biological

27,216

Aug 55

The Decomposition of Bicarbonates. Part 2. Rate
of Thermal Decomposition of Solid Sodium Bicarbonate
by R. Tsuchiya.

Sec. 7th
JAPANESE, per J. Chem Soc Japan, Pure Chem, Sect 7th,
No 1, 1953, pp 16-18.

ATS JJ-1682

Sci - Chem

Jul 59

TT-64-20035

90,855

60-17431

Nita, Tadashi.
NEW VOLUMETRIC ANALYSIS OF HYDROXYLA-
MINE BY USING LOW VALENT VANADIUM AND
MOLYBDENUM. II. THE ANALYTICAL METHOD BY
USING TRIVALENT MOLYBDENUM. June 60 [11]p.
3 refs. Picatinny Arsenal Trans. 87.
Order from OTS or SLA \$1.60 60-17431

Trans. of [Nihon Kagaku Zasshi] (Japan) 1953, v. 74,
no. 1, p. 28-31.

DESCRIPTORS: *Amines, *Hydroxides, Volumetric
analysis, *Vanadium, *Molybdenum, Chemical
reactions.

The solution of hexavalent molybdenum was introduced
in the reduction apparatus, and the solution was main-
tained at 0.5 to 1.0N acidic solution with sulfuric acid.
The air was replaced with carbon dioxide, and hexa-
(Chemistry--Analytical, TT, v. 9, no. 1) (over)

- I. Nita, T.
- II. PA Trans-87
- III. Joint Publications Research
Service, New York

10-16-62
Office of Technical Services

A New Method for the Colorimetric Determination of
Iodides and Cyanates Using Mercuric Thiocyanate
and Iron Alum, by S. Utsuni, 26 pp.

Utsuni, S. 1953
JAPANESE, par, J Chem Soc Japan, Pure Chem Sect,
Vol LXXIV, 1953, pp 32-38.

ELA 58-570

Sci

Aug 59

95,090

(FDD 20260)

Reduction Determination and Differential Titration of Uranium by Means of Various Metals and Solid Amalgams (Investigation of Metal Reducing Agents in Analytical Chemistry), by Chozo Yoshimura, 9 pp.

Full translation.

JAPANESE, no per, Nihon Kagaku Zasshi,
Vol LXXIV, No 2, prob Tokyo, Feb 1953,
pp 118-120.

CIA/FDD/U-5770

FE - Japan

Sci - Chemistry, uranium determination

18,989

TT-65-13737

Field 7B, 7C

Goto, H.; Suzuki, S.
NEW METHODS FOR MICRO-DETERMINATION OF
MERCURY AND BISMUTH BY ORGANIC SOLVENT
EXTRACTION OF THE IODIDES. 13p, 2refs.
Order from SLA: \$1.60 as TT-65-13737

Trans. of Nihon Kagaku Zasshi (Japan) v74 n2 p142-5
1953.

MR 664

Studies on Photoelectric Colorimetry. Report No 3.
New Color Reaction of Zinc With p-aminophenol and
its application to Photoelectric Chemistry, by
S. Iijima, J. Hashimoto, 9 pp.

JAPANESE, Nihon Kagaku Zasshi, Vol LXXIV, No 4,
Apr 1953, pp 256-258. (Journal of the Chemical
Society of Japan).

NIH 9-10

Scientific - Chemistry
Nov 56 CTS

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Study of the Nickel Oxide-Silica System Combined
Catalyst. Pt I. Ethylene Polymerization by
Heating Under a Vacuum, by Tadao O. Shiba,
Atsumu Ozaki, 11 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXIV,
No 4, 1953, pp 295-297.

SLA 59-15943

Sci
Jan 60
Vol 2, No 7

104,841

New Colorimetric Determination Method Using Thiocyanates. (Sixth and Seventh Reports), by S. Utsuni, 28 pp.

Nihon Kagaku Zasshi
JAPANESE, par, J Chem Soc Japan, Pure Chem Sect, Vol. LXXIV, 1953, pp 298-305.

SLA 58-581

Sci

Aug 59

95,089

Elasticity of Gel (No 7) Gelatin-Glycerin Gel,
by N. Hirai, et al,
JAPANESE, per, Nippon Kagaku Z. Vol LXXIV, No 5,
1953, pp 347-349.
IHEW-NIH-12-23-66

Sci-D&H
Jan 67

318,185

Dissolution of Barium Sulphate by Means of Ion
Exchange Resins, by M. Honda, et al. 3 pp.
JAPANESE, per, Nippon Kagaku Zasshi, Vol 75,
No. 5, 1952, pp 348-349.
AEC LB/G/2542 2542

Sci/Mat
Jun 68

342,538

Polarography of Tri-and Tetrathionate Ions,
by S. Murayama, 6 pp.
JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXIV,
No 5, 1953, pp 349-352.
ATS-86R76J

Sci - Chem
Jul 66

305,815

The Separation of Niobium and Tantalum by the Fusion-Extraction Method. (Studies on the Separation of Elements of Similar Properties IV.), by Kozo Nagashima, Shizuo Ezaki, and Fujimura, 8 pp.

JAPANESE, PER, J. Chem. Soc. Japan, Vol LXXIV, 1953, pp 383-385.

SCA 434/1005
AEC-tr-1790

Scientific - Chemistry

11,051

Elasticity of Gel (No 8-9), by H. Hirai,
JAPANESE, per, Nippon Kagaku Z., Vol LXXIV,
No 6, 1954, pp 441-443.
IHEU-NOI-12-24-66

Scl-B&H
Jan 67

318,186

Carb Sugar Aqueous Solution Gel of Gelatin and
Agar-agar and Their Transition Points, by
N. Hirai,
JAPANESE, per, Nippon Kagaku Z., Vol LXXIV, No 6,
1953, pp 443-445.
HEW-NIH-12-25-66

Sci-B&M
Jan 67

318,187

Elasticity of Gels (paper X), Relation Between
the Elasticity of Xerogels and Gels (Part 1),
by N. Hirai,
JAPANESE, per, Nippon Kagaku Z, Vol LXXIV, No 7,
1953, pp 539-542.
HEW-NIH-1-7-67

Sci-B&M
Feb 67

318,987

Elasticity of Gels (Paper XI). Relation Between
the Elasticity of Xerogels and Gels (Part 2),
by N. Hirai,
JAPANESE, per, Nippon Kagaku Z., Vol LXXIV, No 8,
1953, pp 593-596.
HENN-NIH-12-27-66

Sci-BRM
Jan 67

318,189

A New Type of Thermobalance and Its Applications.
II. On a Semiautomatic Thermobalance, by Kisei
Kinzyo, Shigeo Iwata, 8 pp.

JAPANESE, per, ~~Nippon Kagaku Zasshi~~, Vol LXXIV, No 8,
1953, pp 642-644. 646540

Picatinny Arsenal 32
OTIA 2918

Sci - Engr

Jul 59

90,936

Elasticity of Gel (Reprot No 12), Studies on
Dielectric Inflection Point of Gel (Gelatin Gel),
by N. Harai,
JAPANESE, per, Nippon Kagaku Z, Vol LXXIV,
No 10, 1953, pp 810-814.
HEW-NIH-1-10-67

Sci-DEM
Feb 67

318,990

The Synthesis of L-Isoglutamine, by K. Narita.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXIV, No 10,
1953, pp 832-834.

NLL Ref: 5628.4 1963
(10 386)
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Sci - Chem
Oct 63

Fundamental Vibrations of ~~PEROXIDE~~ Molecules of the
Type of H_2O_2 , by Tatsuo Miyazawa, 11 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXIV, 1953,
pp 915-917.

ARC Tr 1983

Scientific - Physics

Dec 54 CTS/DEX

20,379

Studies on γ -Butyrolactone Derivatives. I. Synthesis
of γ -Amino- γ -Butyrolactone, by R. Sudo,
Y. Akiyama, 13 pp.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXIV,
1953, pp 1009-1011.

SLA 60-14123

Sci

169,071

Sep 61

Vol XIII, No 9

J. Kinumaki

Concerning the Speed of Reaction Between Nitrogen
Oxide and Hydrogen Sulfide.

JAPANESE, per, Nippon Kagaku Zasshi, Vol 52,
1931, pp 215-221
NTC 72-12848-07B

sept 72

The Critical Temperature of Electric Conductivity
and the Mechanism of Electric Conduction. Rpt 2
on the Physicochemical Properties of Vanadium
Pentoxide, by T. Kawaguchi, 11 pp.

JAPANESE, par, Nihon Kagaku Zasshi, Vol LXXV, 1954,
pp 94-96.

SLA 59-15089

Sci - Electronics
Nov 59

103,298

Sakai, Koro.
PHYSICO-CHEMICAL PROPERTIES OF FUSED SALTS.
II. ELECTRIC CONDUCTIVITY OF A MIXED SALT
(PT. I). [1963] 11p (figs omitted) 19refs
Order from SLA \$1.60 TT-64-14396

Trans. of [Nihon Kagaku Zasshi] (Japan) 1954, v. 75,
p. 186-189.
Another trans. is available from SLA as II-388, 15p.

(Chemistry--Physical, TT, v. 11, no. 12)

TT-64-14396

I. Sakai, K.
II. Title: Electric...
III. SLA-II-388

Office of Technical Services

Physico-Chemical Properties of Fused Salts. I.
Electric Conductivity of Simple Salts. II.
Electric Conductivity of Mixed Salts (Part 1), by
Kazuo Sakai, 23 pp.

JAPANESE, par, J. Chem. Soc., Japan, Pure Chem. Sect,
Vol LXXV, 1954, pp 182-189.

S.L.A. 580

AE: Tr 2069

No. II part 1. SLA No. 388/1256
Scientific - Chemistry Mar 55 OHS/DRE

22,284

Oxidation of Carbon Monoxide by Silver
Catalysts. II. Study of Poisoning of Silver
Catalyst by Oxygen, by Noboru Yamada, 5 pp.
UNCL

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXV,
1954, pp 309-311. CIA 903666

ACBIL 962

Sci - Chem
Mar 59

82,060

A Study on the Light Chlorination Reaction of
Benzyl Chloride in Gaseous Phase, by Momotaro
Suzuki, Shozo Miyazaki, 12 p.

JAPANESE, per, Nihon Kagaku Zasshi, 1954,
Vol. LXXV, No 3, pp 324-327.

SLA 59-17004

Sci.
Dec 59
Vol. 2, No 6

104,121

(1) Preparation of Phthalocyanine-Tetra-Sulfonic Acid Derivatives. (2) Salts of Copper Phthalocyanine-Tetra-Sulfonic Acid. (3) Salts of Nickel Phthalocyanine-Tetra-4-Sulfonic Acid, by N. Fukada,

JAPANESE, per, J Chem Soc Japan, Vol LXXV, ¹⁹⁵⁴ PP 618/6
378-380; 380-383; 586-588.

SLN/INSDOC-T-1629

Sci
Jul 58

68,402

Chemical Analysis by Means of the Hygrobalance
III. Hygroscopic Property of Precipitates of
Mn, Zn, Hg, Pb, Se, Te, Ti, and Si and a Few
Standard ~~REAGENTS~~ Reagents, by Hiroshi Amano, 11 pp.

JAPANESE, per, Nippon Kagaku Zasshi, XXV Vol. XXV,
1954, pp 499-502, 9206047

~~230,692~~ Tr 909(L)

230,692

Sci - Chem

May 63

Light Chlorination of Toluene by Low Pressure
Mercury Lamp, by Suzuki Homotaro, Miyama Hazime,
9 p.

JAPANESE, per, Nihon Kagaku Zasshi, 1954,
Vol LXXIV, No 5, p 522-524.

SLA 59-17010

Sci
Dec 59
Vol 2, No 6

104,119

The Determination of Surface Area of Powders by
Means of Adsorption in the Liquid Phase Using oil
Stearic Acid, by Hiji Mito, Masabumi Arahara,
Akira Arahara, 23 pp.

JAPANESE, per, Jour. of Chem Soc Japan, Pure Chem
Sect, Vol LXXV, 1954, pp 596-602.

AEC 3095

Sci - Chem

56, 868

Dec 57

Activity of Carbon Electrode for Wet Air Cell,
by O. Kemike, E. Haruko, I. Sawada, 6 pp.

JAPANESE, per, J. Chem Soc, Vol/XXII/, 1954,
pp 608-611.

S.I.A. Tr 57-255

Sci - Electronics
May 57

48,741

Chemical Properties and Activity Σ of Carbon
Electrode of Air-Depolarized Wet Cell, by C.
Matsumoto, T. Nishi, S. Okada, 10 pp.

JAPANESE, per, J. Chem Soc, Vol XXII, 1954,
pp 612-615.

S.L.A. Tr 57-256

Sci - Chemistry
May 8 57

48, 746

Studies on Positive Carbon Electrode of Air-Depolarized Wet Cell. I. Relations Between Electrical Characteristics and Some Physical and Chemical Properties of Positive Carbon Electrode, by S. Nakino, 7 pp.

JAPANESE, per, J. Soc Chem, Vol. XXII, 1954, pp 615-618.

S.L.A. Tr 57-257

Chem
Sci - Electronics
May 57

48, 745

A Study on the Light Chlorination of Toluene
in a Gaseous Phase, by Monotaro Suzuki, Shozo
Miyazaki, 12 p.

JAPANESE, per, Nihon Kagaku Zasshi, 1954,
Vol LXXV, No 7, pp 703-707.

SLA 59-17011

Sci
Dec 59
Vol 2, No 6

104,120

Uchida, S., Ito, Y., and Kobayashi, E.
PROPERTIES OF THE PRODUCTS OF ANHYDROUS
REACTIONS BETWEEN AMMONIA AND SULFUR
TRIOXIDE AND THEIR DERIVATIVES, PTS. 2-3.
[1961] 9p.
Order from ATS \$11.65

ATS-47N54]

Trans. of [Nihon] Kagaku Zasshi (Japan) 1954, v. 75,
no. 7, p. 741-746.

DESCRIPTORS: *Ammonia, *Sulfur compounds,
*Oxides.

(Chemistry--Physical, TT, v. 7, no. 2)

61-25454

I. Uchida, S.
II. Ito, Y.
III. Kobayashi, E.
IV. ATS-47N54]
V. Associated Technical
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East Orange, N. J.

Office of Technical Services

Physico-Chemical Properties of Vanadium Pentoxide.
Part 3. Mechanism of Catalytic Oxidation of
EO From the Standpoint of the Semiconductor
Theory. I. Correction of the Mechanism Proposed
by Calderbank, by T. Kawada, 8 pp.

JAPANESE, per, J. Chem Soc Japan, Pure Chem Sect,
Vol LXXIV, No 8, 1954, pp ~~835-838~~ 835-838.

SLA Tr 57-2676

Sci
Aug 58

*Assoc. Sec. Dr
11675*

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Studies of Organic Polysulfides. III.
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DESCRIPTORS: *Ethylenes, *Sulfides, *Polymerization,
Bases (Chemistry), Condensation reactions, Molecular
weight.

(Chemistry--Organic, TT, v. 11, no. 9)

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DESCRIPTORS: *Fluorine, *Hydrology, Soils, Geology, *Calcium compounds, *Fluorides, Spectrographic analysis, Sedimentation, Japan

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agents, Ions, Titration, Bromides, Amines, Sulfates.

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DESCRIPTORS: *Biotin, Metabolism, *Organic acids,
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